

# Central Valley Flood Protection Board Update

**June 24, 2016**

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# Today's Discussion

## Where We've Been

- State Systemwide Investment Approach

## Where We Are

- How Investment Actions Contribute to Intended Outcomes

## Where We're Going

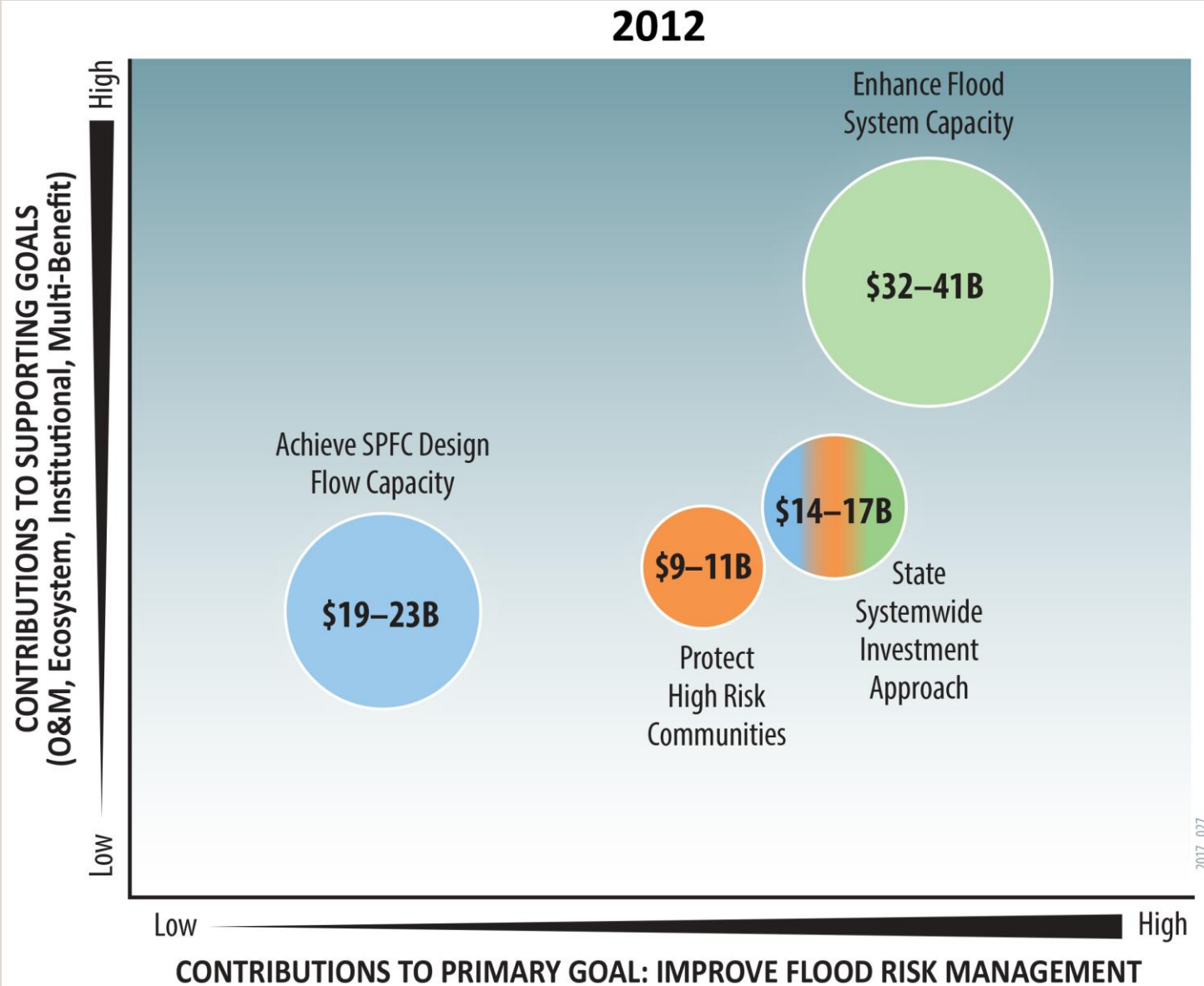
- 2017 SSIA Portfolio & Implementation



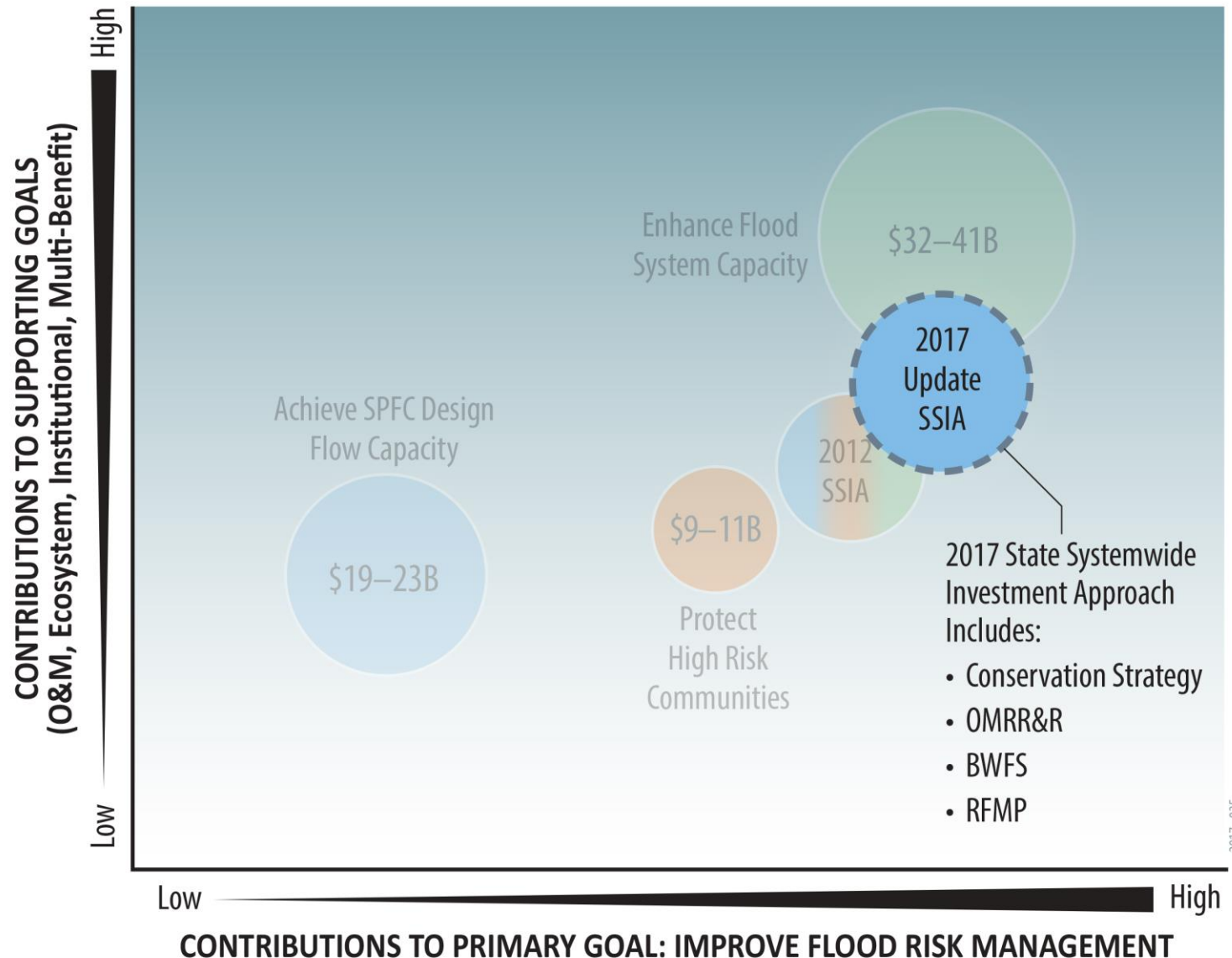
# Where We've Been

## State Systemwide Investment Approach

# 2012 State Systemwide Investment Approach



# Refinements to the State Systemwide Investment Approach in 2017



# 2017 CVFPP Update

- Refines and updates the State Systemwide Investment Approach (SSIA) described in 2012 Central Valley Flood Protection Plan (CVFPP)
- Not a new plan, an update to 2012 CVFPP
- Additional specificity about recommended near and longer-term investment and financing approach



# CVFPP GOALS

# INTENDED OUTCOMES

## Primary Goal: Improve flood risk management

Reduce the chance of flooding



Reduce damages once flooding occurs



Improve public safety, preparedness, and emergency response



## Supporting Goals

Improve Operations and Maintenance



Promote Ecosystem Functions



Promote Multi-benefit Projects



Improve Institutional Support



Improved  
Public Safety



Stable and Growing  
Economy



Enhancement of Vital  
Ecosystem Functions



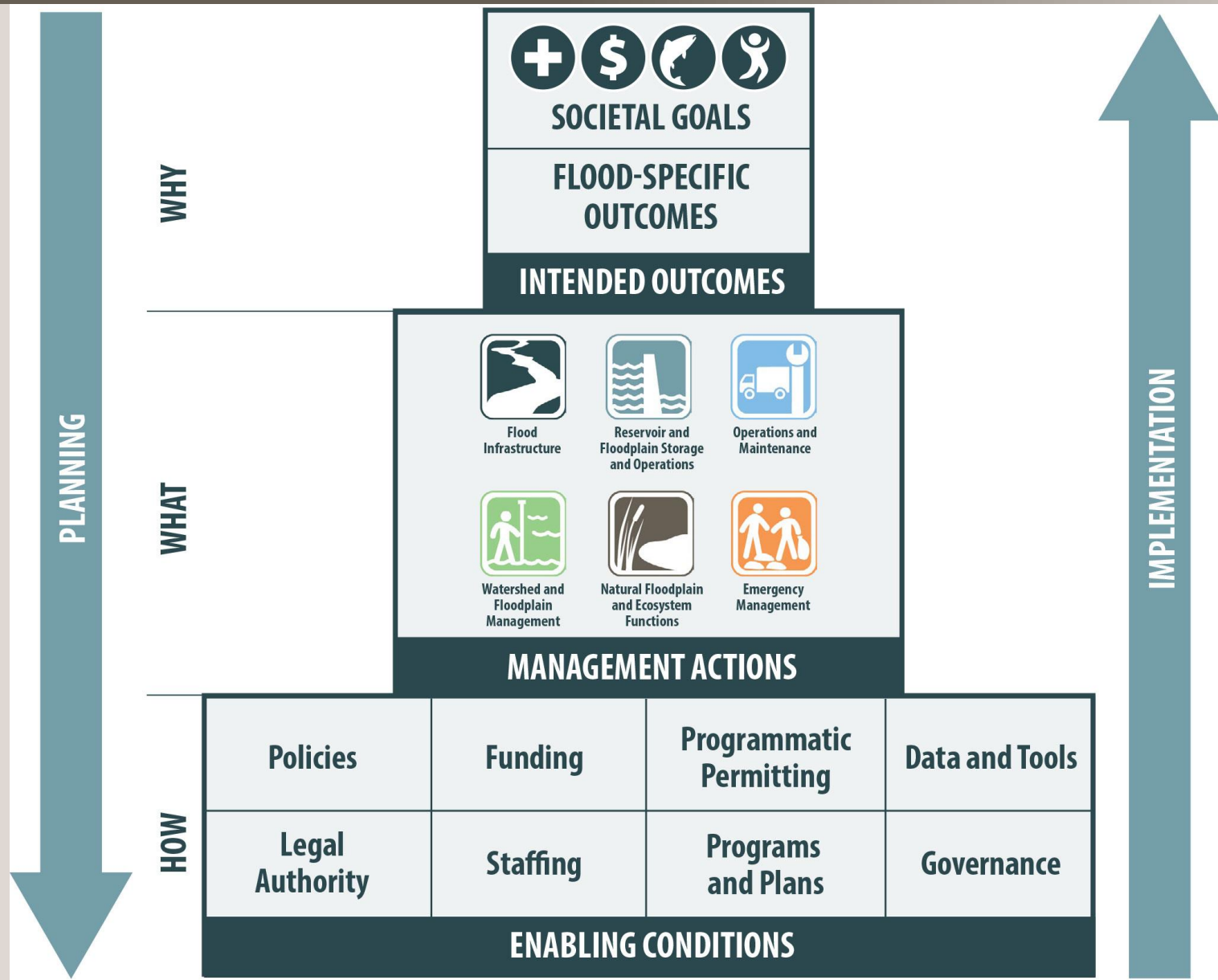
Enriching Experiences  
Provided for Californians

# Where We Are

## How Investment Actions Contribute to Intended Outcomes



# Interacting Levels of Flood Management



# WHY: Flood Specific Intended Outcomes



Public  
Safety



Economic  
Stability



Ecosystem  
Vitality



Enriching  
Experiences



# Public Safety Intended Outcomes



Minimize lives exposed to potential flooding



Reduce human vulnerability to oncoming floodwaters



Increase system performance in populous areas



# Economic Stability Intended Outcomes



Minimize economic exposure to potential flooding



Reduce economic vulnerability to damages when flooding occurs



Increase system performance for economically developed areas



Produce or maintain economic benefits on floodplains



# Ecosystem Vitality Intended Outcomes



Generally promote ecosystem function



Increase the quantity of functional floodplain and associated riverine habitats



Increase and maintain the abundance and diversity of floodplain dependent native species



# Enriching Experiences Intended Outcomes



Provide recreational benefits



Support societal / aesthetic values



Education and public awareness



Protect significant farmland

# WHAT: Management Actions

## Watershed and Floodplain Management



## Flood Infrastructure



## Operations and Maintenance



## Reservoir and Floodplain Storage and Operations



## Emergency Management



## Natural Floodplain and Ecosystem Functions



## Permitting



## Policy



## Finance













































# Where We're Going




## 2017 SSIA Portfolio & Implementation



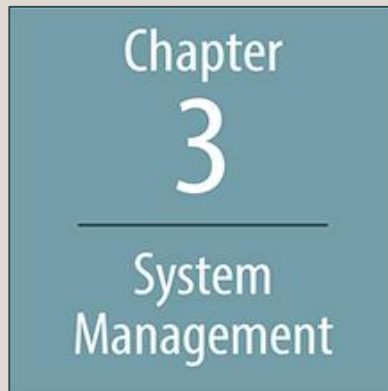
# Understanding How Investment Actions Contribute to Intended Outcomes

SOCIETAL GOAL	Public Safety	Economic Stability	Ecosystem Vitality	Enriching Experiences
FLOOD-SPECIFIC OUTCOME	  	   	  	   
RURAL CAPITAL IMPROVEMENTS				
Levee and Infrastructure Improvements	  	   	  	   
SMALL COMMUNITIES CAPITAL IMPROVEMENTS				
Levee and Infrastructure Improvements	  	   	  	   

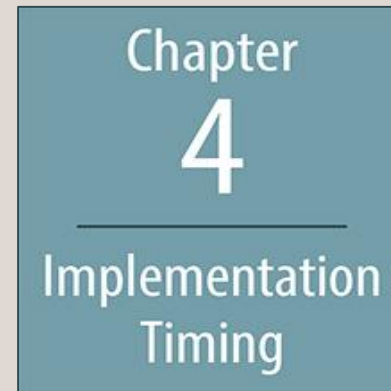
## KEY

-  Potential for significant contribution to this outcome
-  Potential for moderate contribution to this outcome
-  No potential to contribute to this outcome

# 2017 SSIA Portfolio



Strategies to  
Improve System  
Management



CVFPP  
Implementation

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